PFDW75

Pressurized FusionDome™

Eliminate the negative effects of moisture, dirt, and pollution on valuable camera equipment with the Pressurized FusionDome. The PFDW75 protects your surveillance investment while offering an effective monitoring solution.

Essential for monitoring ocean shore environments, agricultural processing and industrial manufacturing plants, the IP67 rated Pressurized FusionDome is designed to keep most minute foreign objects from entering the enclosure by maintaining constant pressure within the inner housing area, via an inert gas.

Key Features

- Constructed of durable engineered plastic to withstand intense levels of solar heat (UL 94-5VA, UV protected)
- IP67 rating: designed to withstand water and dust intake
- Includes both Schrader and pressure relief valves
- Pressurized to 7psi, able to maintain pressure for 2-3 years
- IK10 impact rating
- Universal mounting plate accepts most IP network camera systems (PTZ or fixed)
- Available with a Moog Videolarm SView PTZ camera
- Pendant mount standard with optional mounting brackets
- Heater/blower (H&B) feature standard

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PFDW75_

The PFDW75 outdoor 7" FusionDome™ offers versatility and camera protection in a compact size. Pressurization eliminates the effects of moisture, dirt, and pollution on valuable camera equipment. Supports many analog and network cameras. A H&B are standard. 24Vac input

Compressed Air or Inert Gas:

Although the Pressurized FusionDome may be purged with common compressed air, utilizing an inert gas like nitrogen provides pressure longevity and reduces the risk of contaminated compressed air in the system

IP Ready (Network) PTZ & 12Vdc Models:

PFDW75C2N / PFDW75C12N

The **PFDW75C2N** is a pressurized dome housing with WM20G gooseneck wall mount, clear dome, 24Vac input, H&B. Accommodates an IP network PTZ camera, (includes: 120 to 24Vac, 96 watts transformer). The PFDW75C12N is the 12Vdc version

IP Ready (Network) Fixed:

PFDW75CF2N

Pressurized dome housing with WM20G gooseneck wall mount, clear dome, 24Vac input, H&B, (1) fixed camera bracket (7.5" MCL), 120 to 24Vac, 96W transformer

Tinted and clear domes available. Specify "C" for Clear or "T" for Tinted

COMPATIBLE CAMERAS:

To view the latest listing of compatible cameras please visit www.videolarm.com/thirdparty.jsp

PTZ:

ACTi	ACM-8201/8211	Panasonic	WV-NS202A, WV-NS954, WV-SC385, KX-HCM280A
AXIS	213, 214, 215, 231D, 232D, 233D	PIXORD	261, 263
Canon	VB-C300, VB-C10	SONY	SNC-RH124, SNC-RS44/46, SNC-RX530/550/570 SNC-RZ25, SNC-RZ30, SNC-RZ50
ELMO	PTC-400C, PTC-401C IP	TOSHIBA	IK-WB21A
JVC	VN-C625U, VN-V685U, VN-V686BU, VN-V686U, OVC-VN655U		

FIXED COMPATIBLE CAMERAS ALSO AVAILABLE

ACCESSORIES:

ACA2
Aluminum corner mount bracket with female inserts

PB24
Rugged cast aluminum power box with 84vA and 24W power supply

APM6
Aluminum pole/wall mount adapter with pole straps

NPK01
Nitrogen fill kit for pressurized housing, includes regulator valve and fill tank

SPECIFICATIONS:

Mechanical Specifications		
Size: (h*w*d)	14.4" x 11.2" x 11.2"	(366 x 285 x 285mm)
Weight:	11 Lbs.	(5.0 Kg.)
Construction TOP:	0.125"	(3mm) engineered plastic
Construction DOME:	Polycarbonate	
Mount Bracket:	Aluminum	

Environmental Specifications		
Operating Temperature:	-50°F to 120°F	(-45.5°C to 49°C)
Heater Activates at:	60°F	(15°C)
Heater Deactivates at:	80°F	(27°C)
Effective Projected Area (EPA):	Approx. 0.12 m^2	
Operating Humidity:	Up to 100%	

Electrical Specifications	
Power Requirements:	24Vac 80W (H&B 52W)
Dome 24Vac model:	12Vdc, 50W
Dome 12Vdc model:	(includes 21W for H&B) + camera

Shipping Specifications		
MODEL	SHIPPING WEIGHT	BOX DIMENSIONS
PFDW75	13 Lbs. (5.9 Kg.)	17 x 14 x 17 (431.8 x 355.6 x 431.8mm)

Certifications and Ratings			
UL LISTED		CE	RoHS COMPLIANT
UL Listed	WEEE	CE	RoHS
cUL LISTED	IP67	NEMA4x	IK10
CUL Listed	IP67 Rating	NEMA 4x Rating	IK10 Rating

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